



AFTER FINAL REJECTION  
EXPEDITED PROCEDURE  
TECHNOLOGY CENTER ART UNIT 1744

RULE 112

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the patent application of:

HADA et al.

Serial No.: 09/453,518

Group Art Unit: 1744

Filed: December 3, 1999

Examiner: Olsen, K.

Title: GAS CONCENTRATION MEASURING APPARATUS DESIGNED TO  
MINIMIZE ERROR COMPONENT CONTAINED IN OUTPUT

\* \* \* \* \*

November 19, 2001  
[November 18, 2001 = SUNDAY]

AMENDMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

RECEIVED

NOV 21 2001

TC 1700

Sir:

Responsive to the Office Action mailed July 18, 2001, please amend the application  
identified above as follows:

IN THE CLAIMS:

Please cancel claims 1, 13, and 14 without prejudice or disclaimer.

Please amend claims 3, 5-7, and 12 as follows:

3. (Twice Amended) A gas concentration measuring apparatus comprising:  
a gas concentration sensor having a sensor element outputting a signal as a function of  
concentration of at least one of NO<sub>x</sub>, HC, and CO;